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OM protein - protein search, using sw model

Run on: January 9, 2003, 10:48:38 ; Search time 15 Seconds
(without alignments)
23.538 Million cell updates/sec

Title: US-09-899-376-1
Perfect score: 64
Sequence: 1 TSPINHNGQKL 12

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA:*
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2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCITUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	38	59.4	467	4	US-09-134-001C-3235
2	37	57.8	838	4	US-09-235-451-2
3	37	57.8	838	4	US-09-132-316-3
4	36	56.2	630	1	US-08-487-890A-113
5	36	56.2	630	2	US-08-478-435-113
6	36	56.2	630	2	US-08-337-483-113
7	36	56.2	630	2	US-08-478-373-113
8	36	56.2	630	3	US-08-474-671-113
9	36	56.2	630	3	US-08-483-577A-113
10	36	56.2	630	4	US-08-897-438-113
11	36	56.2	630	4	US-08-637-654-113
12	36	56.2	630	4	US-08-649-518-113
13	34	53.1	120	6	5514582-36
14	34	53.1	260	4	US-09-134-001C-5363
15	34	53.1	274	4	US-08-256-964A-19
16	33	51.6	158	4	US-09-215-221-22
17	33	51.6	221	4	US-09-247-373B-54
18	33	51.6	278	4	US-09-145-828A-11
19	33	51.6	715	4	US-09-215-221-25
20	32.5	50.8	387	1	US-08-123-161A-12
21	32.5	50.8	387	1	US-08-483-278-12
22	32	50.0	33	4	US-09-240-179-1
23	32	50.0	50	3	US-08-844-188-5
24	32	50.0	50	4	US-09-378-088A-5
25	32	50.0	60	2	US-08-117-952-786
26	32	50.0	85	4	US-09-229-007A-8
27	32	50.0	86	6	5206152-3

28	32	50.0	88	1	US-08-040-548-33	Sequence 33, App1
29	32	50.0	88	1	US-08-466-344-33	Sequence 33, App1
30	32	50.0	89	1	US-08-040-548-8	Sequence 8, App1
31	32	50.0	89	1	US-08-466-344-8	Sequence 8, App1
32	32	50.0	91	4	US-08-863-813A-5	Sequence 5, App1
33	32	50.0	91	4	US-08-676-318A-5	Sequence 5, App1
34	32	50.0	92	3	US-08-793-408-2	Sequence 2, App1
35	32	50.0	92	3	US-09-139-762A-2	Sequence 2, App1
36	32	50.0	112	4	US-09-378-088A-84	Sequence 84, App1
37	32	50.0	113	4	US-09-378-088A-56	Sequence 56, App1
38	32	50.0	113	4	US-09-378-088A-60	Sequence 60, App1
39	32	50.0	113	4	US-09-378-088A-70	Sequence 70, App1
40	32	50.0	113	4	US-09-378-088A-72	Sequence 72, App1
41	32	50.0	113	4	US-09-378-088A-108	Sequence 108, App
42	32	50.0	113	4	US-09-378-088A-118	Sequence 118, App
43	32	50.0	113	4	US-09-378-088A-120	Sequence 120, App
44	32	50.0	113	4	US-09-378-088A-122	Sequence 122, App
45	32	50.0	113	4	US-09-378-088A-124	Sequence 124, App

ALIGNMENTS

```
RESULT 1
US-09-134-001C-3235
Sequence 3235, Application US/09134001C
Patent No. 6380370
GENERAL INFORMATION:
APPLICANT: Lynn Doucette-Stamm et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCC
FILE REFERENCE: GTC-007
CURRENT APPLICATION NUMBER: US/09/134,001C
CURRENT FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: US 60/064,964
PRIOR FILING DATE: 1997-11-08
PRIOR APPLICATION NUMBER: US 60/055,779
PRIOR FILING DATE: 1997-08-14
NUMBER OF SEQ ID NOS: 5674
SEQ ID NO 3235
LENGTH: 467
TYPE: PR
ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3235

Query Match          59.4%; Score 38; DB 4; Length 467;
Best Local Similarity 87.5%; Pred. No. 21;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY      5 NIHNGQKL 12
Db      456 NIHNGQKL 463

RESULT 2
US-09-235-451-2
Sequence 2, Application US/09235451
GENERAL INFORMATION:
APPLICANT: Julius, David J.
APPLICANT: Caterina, Michael J.
APPLICANT: Brake, Anthony J.
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES ENCODING
TITLE OF INVENTION: CAPSAICIN RECEPTOR AND CAPSAICIN RECEPTOR-RELATED
FILE REFERENCE: 9076/084CIP
CURRENT APPLICATION NUMBER: US/09/235,451
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/072,151
PRIOR FILING DATE: 1998-01-22
PRIOR APPLICATION NUMBER: 08/915,461
PRIOR FILING DATE: 1997-08-20
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSeq for Windows Version 3.0
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SEQ ID NO 2
LENGTH: 838
TYPE: PR
ORGANISM: R. rattus
US-09-235-451-2

Query Match
Best Local Similarity 57.8%; Score 37; DB 4; Length 838;
Pred. No. 64;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 LNIHNGQ 10
11:1111
Db 163 LNIHNGQ 169

RESULT 3
US-09-132-316-3
Sequence 3, Application US/09132316B
Patent No. 6444440
GENERAL INFORMATION:
APPLICANT: Young, Paul E.
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Vanilloid Receptor-2
FILE REFERENCE: 1488.1110000
CURRENT APPLICATION NUMBER: US/09/132,316B
EARLIER FILING DATE: 1998-08-11
EARLIER APPLICATION NUMBER: US 60/040,163
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: PCT/US98/04493
EARLIER FILING DATE: 1998-03-06
NUMBER OF SEQ ID NOS: 67
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 838
TYPE: PR
ORGANISM: Rattus norvegicus
US-09-132-316-3

Query Match
Best Local Similarity 57.8%; Score 37; DB 4; Length 838;
Pred. No. 64;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 4 LNIHNGQ 10
11:1111
Db 163 LNIHNGQ 169

RESULT 4
US-08-487-890A-113
Sequence 113, Application US/08487890A
Patent No. 5708149
GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena
APPLICANT: Harkness, Robin
APPLICANT: Schryvers, Anthony
APPLICANT: Chong, Pele
APPLICANT: Gray-Owen, Scott
APPLICANT: Yang, Yan-Ping
APPLICANT: Mordin, Andrew
APPLICANT: Klein, Michel
TITLE OF INVENTION: Transferrin Receptor Genes
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,890A
FILING DATE: 07-JUN-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,116
FILING DATE: 29-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/148,968
FILING DATE: 08-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-466 MIS:jb
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1153
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 630 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-487-890A-113

Query Match
Best Local Similarity 56.2%; Score 36; DB 1; Length 630;
Pred. No. 72;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 TSPLNHNGQ 11
1:11 1:11
Db 119 TSPLEKHNGQ 129

RESULT 5
US-08-478-435-113
Sequence 113, Application US/08478435
Patent No. 5922323
GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena
APPLICANT: Harkness, Robin
APPLICANT: Schryvers, Anthony
APPLICANT: Chong, Pele
APPLICANT: Gray-Owen, Scott
APPLICANT: Yang, Yan-Ping
APPLICANT: Mordin, Andrew
APPLICANT: Klein, Michel
TITLE OF INVENTION: Transferrin Receptor Genes
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,435
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/337,483
FILING DATE: 08-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,116
FILING DATE: 29-DEC-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/148,968
FILING DATE: 08-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-462 MIS:vg
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 630 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-478-435-113

Query Match 56.2%; Score 36; DB 2; Length 630;
Best Local Similarity 54.5%; Pred. No. 72;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 TSPLNHNGOK 11
1:11 1:11

Db 119 TNPLEKHHGQR 129

RESULT 6
US-08-337-483-113
Sequence 113, Application US/08337483
Patent No. 5922562
GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena
APPLICANT: Harkness, Robin
APPLICANT: Schryvers, Anthony
APPLICANT: Chong, Pele
APPLICANT: Gray-Owen, Scott
APPLICANT: Yang, Yan-ping
APPLICANT: Mordin, Andrew
APPLICANT: Klein, Michel
TITLE OF INVENTION: Transferrin Receptor Genes
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/337,483
FILING DATE: 08-NOV-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-410 MIS:jb
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 630 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-337-483-113

Query Match 56.2%; Score 36; DB 2; Length 630;
Best Local Similarity 54.5%; Pred. No. 72;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 TSPLNHNGOK 11
1:11 1:11

Db 119 TNPLEKHHGQR 129

RESULT 7
US-08-478-373-113
Sequence 113, Application US/08478373
Patent No. 5922841
GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena
APPLICANT: Harkness, Robin
APPLICANT: Schryvers, Anthony
APPLICANT: Chong, Pele
APPLICANT: Gray-Owen, Scott
APPLICANT: Yang, Yan-ping
APPLICANT: Mordin, Andrew
APPLICANT: Klein, Michel
TITLE OF INVENTION: Transferrin Receptor Genes
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,373
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/337,483
FILING DATE: 08-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,116
FILING DATE: 29-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/148,968
FILING DATE: 08-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-463 MIS:vg
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 630 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-478-373-113

Query Match 56.2%; Score 36; DB 2; Length 630;
Best Local Similarity 54.5%; Pred. No. 72;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 TSPLNHNGOK 11
1:11 1:11

Db 119 TNPLEKHHGQR 129

RESULT 8

US-08-474-671-113
 ; Sequence 113, Application US/08474671
 ; Patent No. 6008326
 ; GENERAL INFORMATION:
 ; APPLICANT: Loosmore, Sheena
 ; APPLICANT: Harkness, Robin
 ; APPLICANT: Schryvers, Anthony
 ; APPLICANT: Chong, Pele
 ; APPLICANT: Gray-Owen, Scott
 ; APPLICANT: Yang, Yan-ping
 ; APPLICANT: Mordin, Andrew
 ; APPLICANT: Klein, Michel
 ; TITLE OF INVENTION: Transferrin Receptor Genes
 ; NUMBER OF SEQUENCES: 147
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Sim & McBurney
 ; STREET: Suite 701, 330 University Avenue
 ; CITY: Toronto
 ; STATE: Ontario
 ; COUNTRY: Canada
 ; ZIP: M5G 1R7
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/474,671
 ; FILING DATE: 07-JUN-1995
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/337,483
 ; FILING DATE: 08-NOV-1994
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/175,116
 ; FILING DATE: 29-DEC-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/148,968
 ; FILING DATE: 08-NOV-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Stewart, Michael I
 ; REGISTRATION NUMBER: 24,973
 ; REFERENCE/DOCKET NUMBER: 1038-465 MIS:Vg
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (416) 595-1155
 ; TELEFAX: (416) 595-1163
 ; INFORMATION FOR SEQ ID NO: 113:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 630 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-474-671-113

Query Match 56.2%; Score 36; DB 3; Length 630;
 Best local Similarity 54.5%; Pred. No. 72;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 1 TSPINHGOK 11
 DB 119 TNPLEKHHGOK 129

RESULT 9

US-08-483-577A-113
 ; Sequence 113, Application US/08483577A
 ; Patent No. 6015688
 ; GENERAL INFORMATION:
 ; APPLICANT: Loosmore, Sheena
 ; APPLICANT: Harkness, Robin

APPLICANT: Schryvers, Anthony
 APPLICANT: Chong, Pele
 APPLICANT: Gray-Owen, Scott
 APPLICANT: Yang, Yan-ping
 APPLICANT: Mordin, Andrew
 APPLICANT: Klein, Michel
 TITLE OF INVENTION: Transferrin Receptor Genes
 NUMBER OF SEQUENCES: 160
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sim & McBurney
 STREET: Suite 701, 330 University Avenue
 CITY: Toronto
 STATE: Ontario
 COUNTRY: Canada
 ZIP: M5G 1R7
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/483,577A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/337,483
 FILING DATE: 08-NOV-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/175,116
 FILING DATE: 29-DEC-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/148,968
 FILING DATE: 08-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Stewart, Michael I
 REGISTRATION NUMBER: 24,973
 REFERENCE/DOCKET NUMBER: 1038-511
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (416) 595-1155
 TELEFAX: (416) 595-1163
 INFORMATION FOR SEQ ID NO: 113:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 630 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-483-577A-113

Query Match 56.2%; Score 36; DB 3; Length 630;
 Best local Similarity 54.5%; Pred. No. 72;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 1 TSPINHGOK 11
 DB 119 TNPLEKHHGOK 129

RESULT 10

US-08-897-438-113
 ; Sequence 113, Application US/08897438
 ; Patent No. 6262016
 ; GENERAL INFORMATION:
 ; APPLICANT: Loosmore, Sheena
 ; APPLICANT: Harkness, Robin
 ; APPLICANT: Schryvers, Anthony
 ; APPLICANT: Chong, Pele
 ; APPLICANT: Gray-Owen, Scott
 ; APPLICANT: Yang, Yan-ping
 ; APPLICANT: Mordin, Andrew
 ; APPLICANT: Klein, Michel
 ; TITLE OF INVENTION: Transferrin Receptor Genes
 ; NUMBER OF SEQUENCES: 160
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/897,438
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,577
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/337,483
FILING DATE: 08-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,116
FILING DATE: 29-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/148,968
FILING DATE: 08-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-720
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 630 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-897-438-113

Query Match
Best Local Similarity 56.2%; Score 36; DB 4; Length 630;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 TSPLNHGQR 11
Db 119 TNPLEKHGQR 129

RESULT 11
US-08-637-654-113
Sequence 113, Application US/08637654
Patent No. 6358727

GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena M
APPLICANT: Hartness, Robin E
APPLICANT: Schryvers, Anthony B
APPLICANT: Chong, Pele
APPLICANT: Gray-Owen, Scott
APPLICANT: Yang, Yan-ping
APPLICANT: Murtin, Andrew D
APPLICANT: Klein, Michel H
TITLE OF INVENTION: HAEMOPHILUS TRANSFERRIN RECEPTOR GENES
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/637,654
FILING DATE: 05-AUG-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/CA94/00616
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-595
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
TELEFAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 630 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-637-654-113

Query Match
Best Local Similarity 56.2%; Score 36; DB 4; Length 630;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 TSPLNHGQR 11
Db 119 TNPLEKHGQR 129

RESULT 12
US-08-649-518-113
Sequence 113, Application US/08649518
Patent No. 6361779

GENERAL INFORMATION:
APPLICANT: Loosmore, Sheena
APPLICANT: Hartness, Robin
APPLICANT: Schryvers, Anthony
APPLICANT: Chong, Pele
APPLICANT: Gray-Owen, Scott
APPLICANT: Yang, Yan-ping
APPLICANT: Murtin, Andrew
APPLICANT: Klein, Michel
TITLE OF INVENTION: Transferrin Receptor Genes
NUMBER OF SEQUENCES: 160
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sim & McBurney
STREET: 6th Floor, 330 University Avenue
CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: M5G 1R7

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,518
FILING DATE: 17-MAY-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/337,483
FILING DATE: 08-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,577
FILING DATE: 07-JUN-1995

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? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/175,116
? FILING DATE: 29-DEC-1993
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER: US 08/148,968
? FILING DATE: 08-NOV-1993
? ATTORNEY/AGENT INFORMATION:
? NAME: Stewart, Michael I
? REGISTRATION NUMBER: 24,973
? REFERENCE/DOCKET NUMBER: 1038-6080
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (416) 595-1155
? TELEFAX: (416) 595-1163
? INFORMATION FOR SEQ ID NO: 113:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 630 amino acids
? TYPE: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
DS-08-649-518-113

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Query Match	56.28;	Score 36;	DB 4;	Length 630
Best Local Similarity	54.58;	Pred. No. 72;		
Matches	6; Conservative	3; Mismatches	2; Indels	

```
QY      1 TSP LNIHGQK 11
          1:11 1:11:
Db      119 TNP LEKHHGQR 129
```

RESULT 13
 5514582-36
 Patent No. 5514582
 APPLICANT: CAPON, DANIEL J.; LASKY, LAURENCE A.
 TITLE OF INVENTION: RECOMBINANT DNA ENCODING HYBRID
 IMMUNOGLOBULINS
 NUMBER OF SEQUENCES: 43
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/185,670
 FILING DATE: 21-JAN-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 986,931
 FILING DATE: 08-DEC-1992
 APPLICATION NUMBER: 808,122
 FILING DATE: 16-DEC-1991
 APPLICATION NUMBER: 440,625
 FILING DATE: 22-NOV-1989
 APPLICATION NUMBER: 315,015
 FILING DATE: 23-FEB-1989
 SEQ ID NO:36:
 LENGTH: 120
 5514582-36

Query Match	53.1%	Score 34	DB 6	Length 120
Best Local Similarity	70.0%	Pred. No. 25		
Matches 7; Conservative	1	Mismatches 2	Indels 0	Gaps 0

```
QY      2 SPLNIHGQK 11
        :| | | | |
Db      4 APFNILNGQK 13
```

```

RESULT 14
US-09-134-001C-5363
; Sequence 5363, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NOCLETIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC-007
; CURRENT APPLICATION NUMBER: US/09/134,001C
; CURRENT FILING DATE: 1998-08-13

```

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? PRIOR APPLICATION NUMBER: US 60/064,966
? PRIOR FILING DATE: 1997-11-08
? PRIOR APPLICATION NUMBER: US 60/055,773
? PRIOR FILING DATE: 1997-08-14
? NUMBER OF SEQ ID NOS: 5674
? SEQ ID NO 5363
? LENGTH: 260
? TYPE: PRT
? ORGANISM: Staphylococcus epidermidis
US-09-134-001C-5363

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Query Match	53.1%	Score 34	DB 4	Length 260
Best Local Similarity	77.8%	Pred No. 62		
Matches 7, Conservative	1	Mismatches	1	Indels 0; Gaps 0

```
QY      1  TSPLNHHG  9
          |||||:|
Db      229  TSVLNHHG 237
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RESULT 15
 US-08-256-964A-19
 : Sequence 19, Application US/08256964A
 : Patent No 5723309
 : GENERAL INFORMATION:
 : APPLICANT: BONNEVILLE, Marc
 : TITLE OF INVENTION: PRODUCTION OF SUBUNITS OF SOLUBLE T
 : TITLE OF INVENTION: RECEPTORS BY CO-TRANSECTION, USES OF THE PRODUCTS THUS
 : TITLE OF INVENTION: OBTAINED
 : NUMBER OF SEQUENCES: 19
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Young & Thompson
 : STREET: 745 South 23rd Street
 : CITY: Arlington
 : STATE: VA
 : COUNTRY: USA
 : ZIP: 22202
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/256,964A
 : FILING DATE: 14-SEP-1994
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: FR 92 14203
 : FILING DATE: 25-NOV-1992
 : ATTORNEY/AGENT INFORMATION:
 : NAME: PATCH, Andrew J.
 : REGISTRATION NUMBER: Reg. No. 5723309 32,925
 : REFERENCE/DOCKET NUMBER: BE 94/449
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 703/521-2297
 : TELEFAX: 703/685-0573
 : TELEX: 248425
 : INFORMATION FOR SEQ ID NO: 19:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 274 amino acids
 : TYPE: amino acid
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US-08-256-964A-19

Query Match	53.18;	Score 34;	DB 1;	Length 274;
Best Local Similarity	63.68;	Pred. No. 66;		
Matches	7;	Conservative	1;	Mismatches 3;
			Indels	0;
			Gaps	0;

```
QY      1 TSP LNIHGQK 11
          || | ||| : |
Db.     99 TST LTIHNVK 109
```

Search completed: January 9, 2003, 10:49:03
Job time : 17 secs
